Index of Authors

ABBOTT, E. M., PARKINS, J. J. and HOLMES, P. H. Studies on the pathophysiology of chronic ovine haemonchosis in Merino and Scottish Blackface lambs, 585

AITKEN, R. and WILSON, R. A. Antibody responses in a variety of resistant hosts to antigens from adult *Schistosoma mansoni*, xlvii

AL-YAMAN, F. M., ASSAF, L., HAILAT, N. and ABDEL-HAFEZ, S. K. Prevalence of hydatidosis in slaughtered animals from North Jordan, xlv

ALANI, A. J. and HERBERT, I. V. The effect of repeated *Haemaphysalis punctata* (Canestrini and Fanzago, 1877) (Ixodidae: Acarina) infestation on sheep and rabbit hosts and the host acquired immune response to tick development, lxxiv

ALMOND, N. M., MCLAREN, D. J. and PARKHOUSE, R. M. E. Comparison of the surface and secreted antigens and the ultrastructure of *Trichinella spiralis* and *T. pseudospiralis*, xli

ANDERSON, A., TRUDGETT, A. and HANNA, R. E. B. The use of immunosorbent-purified antigens of *Fasciola hepatica* in enzyme immunoassays, xxx

ANDERSON, R. M. and CROMBIE, JENNY, Experimental studies of age-prevalence curves for *Schistosoma mansoni* infections in populations of *Biomphalaria glabrata*, 79

ANDERSON, R. M. *See* MCCALLUM, H. I.

ANDERSON, R. M. *See* SCOTT, MARILYN E.

ANDREWS, B. J. *See* FORD, M. J.

ARME, C. A plea for uniformity in the terminology of parasitology, xviii

ARME, C. and HOOLE, D. An *in vitro* method of studying the tegumental dynamics of the plerocercoid of *Ligula intestinals*, xix

ARME, C. *See* HURD, HILLARY.

ARME, C. *See* RICHARDS, K. SYLVIA.

ASH, C. P. J. Albumin metabolism in protein-malnourished rats infected with *Nippostrongylus brasiliensis*, xlvi

BABIKER, ELDIRDIRI A. *See* TAIT, A.

BALL, S. J. *See* PITTILO, R. M.

BANKOV, I. and BARRETT, J. Sphingosine synthesis in *Hymenolepis diminuta*, xxxvi

BARKER, D. C., BUTCHER, J., GIBSON, L. J. and WILLIAMS, R. H. DNA characterization of New World *Leishmania* isolates, iii

BARKER, D. C., BUTCHER, J., GIBSON, L. J. and WILLIAMS, R. H. The use of DNA hybridization in the identification of *Leishmania*, xxv

BARRETT, N. J. and SMYTH, J. D. The developmental biology of the strobilar stage of *Echinococcus multilocularis*, *in vitro* and *in vivo*, lxviii

BARRY, J. D. and GATHUD, H. Antigenic variation in *Trypanosoma vivax*, isolation of a serodeme, 49

BASCH, P. F. and BASCH, NATALICIA. Intergeneric reproductive stimulation and parthenogenesis in *Schistosoma mansoni*, 369

BASCH, NATALICIA, *See* BASCH, P. F.

BEHNKE, J. M., HAMID, S., PRITCHARD, D. I. and RAJASEKARIAH, G. *Necator americanus* in laboratory rodents, xl

BELTRAN-HERNANDEZ, F. *See* PHILIPP, M.

BERUBE, M. and CURTIS, M. A. The occurrence of *Diphyllobothrium ditremum* in Arctic char (*Salvelinus alpinus*) populations of two small lakes in Northern Quebec, Canada: a comparative study, l

BICKLE, Q. D. *See* FORD, M. J.

BIRD, A. F. Growth and moulting in nematodes, moulting and development of the hatched larva of *Rotylenchulus reniformis*, 107

BRANFORD WHITE, C. J. and HIPKISS, J. B. The effect of calmodulin-specific drugs on *Hymenolepis diminuta*, lxxviii

BRIDGES, JANINE F. *See* RICHARDS, K. SYLVIA.

BROWN, I. N., DOCKRELL, H. M., DE SOUZA, J. B. and PLAYFAIR, J. H. L. Blood-stage malaria in Biozzi high and low antibody responder mice: the importance of antibody and macrophages in immunity, lxiii

BUNDY, D. A. P. Caribbean schistosomiasis, 377
BURT, M. D. B., MACKINNON, B. M. and JARECKA, L. *Haplobothrium globuliforme*: plerocercoid ultrastructure reflects adult function, lxviii

CHAPMAN, H. D. *Eimeria tenella*, experimental development of resistance to monensin in the chicken, 9
CHUBB, J. C. A comparison of British and Russian plerocercoids of *Schistocephalus solidus* (Muller, 1776) from *Gasterosteus aculeatus*, xx
CLARK, N. W. T. *See* PHILIPP, M.
CLEATOR, M., DELVES, C. J., HOWELLS, R. E. and REES, H. H. Developmental hormones in parasitic nematodes, lxii
COLES, G. C. Recent advances in schistosome biochemistry, 603
COLLEY, D. G. *See* KUSEL, J. R.
COOP, R. L., JACKSON, F. and WRIGHT, S. E. Observations on the role of calves in the transmission of *Nematodirus battus* in an alternate grazing system, xxxi
CORDEIRO, M. N. *See* KUSEL, J. R.
COURT, J. P. and LEES, GERALDINE M. *Trichostrongylus colubriformis* in the gerbil as a model for detecting the activity of benzimidazole anthelmintic agents, lxxii
COX, D. A., DIXON, J. B., JENKINS, P., ROSS, G., RILEY, E., JUDSON, D. G. and CLARKE, S. M. Cellular components of a primary response to *Echinococcus granulosus* in the mouse, liii
COX, F. E. G. and MILLOTT, STEPHANIE M. The importance of parasite load in the killing of *Plasmodium vinckei* in mice treated with *Corynebacterium parvum* or alloxan monohydrate, 417
COX, J. and HOMMEL, M. *Plasmodium chabaudi*: a possible model for the study of sequestration in malaria, xxvii
CRABTREE, J. E., COULSON, P. S. and WILSON, R. A. *Schistosoma mansoni*: the leakiness of the hepatic portal system for schistosomula, xxxvi
CRABTREE, JEAN E. and WILSON, R. A. *Schistosoma mansoni*, cellular reactions to challenge infections in the cheek pouch skin of chronically infected hamsters, 59
CRAIG, P. S. Circulating antigens, antibodies and immune complexes in experimental *Taenia pisiformis* infections of rabbits, 121
CRAWFORD, C., PRITCHARD, D. I., BEHNKE, J. M. and GRENCIS, R. K. Immunoregulation by the gastrointestinal hookworm *Nematospiroides dubius in vitro*, lix
CROFT, S. L., WOZENCRAFT, A. O. and SAYERS, G. Ultrastructural localization of H_2O_2 production in macrophage interactions with *Leishmania donovani* and *Plasmodium yoelii nigerieriensis*, xxviii
CROFT, S. L., EVANS, A. T., WOZENCRAFT A. O. and NEAL, R. A. The activity of some electron carriers and 1,4-naphthoquinones against *Leishmania* spp., xl
CROMBIE, J. A. The population dynamics of *Schistosoma mansoni* in the laboratory mouse: establishment and mortality in single and trickle infections, lvi
CROMBIE, JENNY. *See* ANDERSON, R. M.
CROMPTON, D. W. T. and ARNOLD, S. E. Over-dispersion: experiments with *Moniliformis* (Acanthocephala) and rats, lv
CROMPTON, D. W. T. and WARD, P. F. V. Selective metabolism of L-serine by *Moniliformis* (Acanthocephala) *in vitro*, 133
CURTIS, M. A. and STENZEL, A. Parasitological evidence for food specialization within Arctic char populations, xxxii
CURTIS, M. A. The influence of food web structure on parasite transmission to Arctic char (*Salvelinus alpinus*) in Northern Canada, xlix

DALTON, J., KILTY, C. and JOYCE, P. Antigens of various stages of *Fasciola hepatica* identified by western blotting, iv
DAVIES, M. W. *See* PHILIPP, M.
DE SOUZA, C. P. S. *See* KUSEL, J. R.
DELVES, C. J. and HOWELLS, R. E. Egg production in *Dirofilaria immitis*, xvi
DENHAM, D. A. *See* SAYERS, G.
DIXON, J. B., RILEY, E. M., KELLY, D. F. and COX, D. A. The immune response to *Echinococcus granulosus: in vivo* investigation of lymphocyte reactivity, liv
DLUZEWSKI, A. R., RANGACHARI, K., WILSON, R. J. M. and GRATZER, W. B. Involvement of RBC membrane lipid and protein during the malaria invasion process, xxxiv

DOCKRELL, H. M., EHRENSTEIN, M. R. and PLAYFAIR, J. H. L. The role of reactive oxygen intermediates in mice infected with *Plasmodium* spp., lxiv
DONALD, A. D. *See* SMEAL, M. G.
DONNELLY, J., PHIPPS, L. P. and KONRAD, J. Infectivity in bovine hosts of *Babesia divergens* and *Babesia major* from *in vitro* culture, lxxvi
DOYLE, D., HAY, J. and DUTTON, G. N. The effect of congenital toxoplasmosis on murine skeletal and cardiac muscle, lix
DUNN, T. S., NIZAMI, W. A. and HANNA, R. E. B. Ultrastructure and histochemical studies on the lymph system in three species of *Amphistome* (Trematoda: Digenea) from the Indian water buffalo, *Bubalus bubalis*, *li*
DUTTON, G. N., HAY, J. and HAIR, D. M. Lymphocyte responses to toxoplasmic and retinal antigens in mice with congenital retinochoroiditis, vii
DUTTON, G. N., HAY, J. and HAIR, D. M. Congenital murine ocular toxoplasmosis – a clinicopathological study, lviii

EAST, JANET *See* INGRAM, G. A.
EDWARDS, J. A. The utilization of the gills of flounder (*Platichthys flesus*) by the parasitic copepod *Lernaeocera branchialis*, v
EVANS, A. A. F., FORREST, J. M. and HOMINICK, W. M. Can the potato cyst-nematode *Globodera rostochiensis* have a diapause? 1. The brief, lxi
EVANS, A. T., CROFT, S. L., PETERS, W. and NEAL, R. A. Screening of antimycobacterial drugs for antileishmanial activity, xxv
EVANS, N. A. Transmission ecology of *Echinostoma liei* larval stages, xi
EYSKER, M. Inhibited development of cyathostominae in the horse in the early third stage, lxii

FAGBEMI, B. O., CHRISTENSEN, N. Ø. and NANSEN, P. Suppression of *Babesia microti* infection in mice concurrently infected with *Fasciola hepatica* and *Schistosoma mansoni*, xxxvi
FOLEY, M., GARLAND, P. B. and KUSEL, J. R. Lateral diffusion of lipids in the surface membranes of *Schistosoma mansoni*, viii
FORD, M. J., BICKLE, Q. D. and TAYLOR, M. G. Immunization of rats against *Schistosoma mansoni* using irradiated cercariae, lung schistosomula and liver-stage worms, 327
FORD, M. J., BICKLE, Q. D., TAYLOR, M. G. and ANDREWS, B. J. Passive transfer of resistance and the site of immune-dependent elimination of the challenge infection in rats vaccinated with highly irradiated cercariae of *Schistosoma mansoni*, 461
FOX, P. C. and ATKINSON, H. J. Glucose phosphate isomerase polymorphism in pathotypes of *Globodera pallida* and *G. rostochiensis*, xxii
FRYER, S. E. and PROBERT, A. J. Cercarial production of *Schistosoma haematobium* in three species of *Bulinus* from Northern Nigeria, xii

GABRIELE, F. *See* PALMAS, C.
GARDNER, R. A. Haematozoa of British bats, lxxii
GATHUO, H. *See* BARRY, J. D.
GAZZINELLI, G. *See* KUSEL, J. R.
GERSHON, P. D. and HOWELLS, R. E. Action of tetracycline and macrolide antibiotics against *P. falciparum in vitro*, xxxix
GIBBONS, L. M. A comparative study of the male tail of the parasitic nematodes of vertebrates, xxi
GIBBONS, D. I. and VALTONEN, E. T. How do helminth parasites of fishes survive in the frozen north?, xlix
GILL, H. S. and WALKER, A. R. Histological analysis of tick feeding sites during acquisition of resistance to *Hyalomma anatolicum anatolicum*, lxxiv
GOMEZ-PRIEGO, A. *See* PHILIPP, M.
GRANTHAM, B. D. and BARRETT, J. Catabolism of the branched-chain amino acids in nematodes, xxiii
GRANTHAM, B. D. Comparative amino acid metabolism in nematodes, lxxvii
GRAY, J. S. Mating and behavioural diapause in the tick *Ixodes ricinus*, lxxv
GREGORY, M. W. and CATCHPOLE, J. Coccidiosis in lambs: daily and hourly output of oocysts and its relationship to diarrhoea, xliii
GRENCIS, R. K., RIEDLINGER, J. and WAKELIN, D. T-cell lines specific for *Trichinella spiralis*: preliminary observations, xxx

GRENFELL, B. T. and SMITH, G. Modelling the epidemiology of ostertagiasis in first year calves: a comparison of the short and long term effects of different control strategies, lvi

HAMILTON, G. I. V. and FAIRWEATHER, I. *Hymenolepis diminuta*: excystation of the cysticercoid larva, lxix

HANNA, R. E. B., TRUDGETT, A. G., NIZAMI, W. A., ANDERSON, A. and DUNN, S. T. Further studies on the characterization and specificity of a tegumental antigen of *Fasciola hepatica*, lii

HARNETT, W. The influence of praziquantel on antigen exposure at the surface of adult male *Schistosoma mansoni*, x

HARRIS, E. A. Not the usual British helminths, xxxi

HARRIS, P. D. Asexual and sexual reproduction in the viviparous monogenean *Gyrodactylus*, xvii

HASSAN, H. F. and COOMBS, G. H. Purine and pyrimidine metabolism in *Leishmania mexicana mexicana*, ii

HAY, J. and GRAHAM, D. I. Encephalitis in mice with congenital ocular toxoplasmosis, lviii

HAY, J., ARNOTT, M. A. and AITKEN, P. P. The effect of *Toxoplasma* infection on response to novelty in mice, xliv

HENDRY, L. M. and TRIANTAPHYLLOU, A. C. Cytology and reproduction of *Romanomermis culicivorax* (Mermithidae: Nematoda), xvii

HINDMARSH, P. J. E., HUDSON, L. and WONG, R. C. K. Serological and electrocardiographic changes in mice experimentally infected with *Trypanosoma cruzi*, vii

HOGG, JANET, HAMMOND, D. J. and GUTTERIDGE, W. E. Blood transfusion and Chagas' disease – a new role for existing drugs?, xxv

HOLMES, P. H. *See* ABBOTT, E. M.

HOLMES, P. H. *See* WEDRYCHOWICZ, H.

HOMINICK, W. M., FORREST, J. M. and EVANS, A. A. F. Can the potato cyst-nematode *Globodera rostochiensis* have a diapause? 2. The evidence, lxi

HOOLE, D. and ARME, C. The interaction *in vitro* between the leucocytes of *Rutilus rutilus* and the plerocercoid of *Ligula intestinalis*, xviii

HUGHES, H. P. A. The establishment and preliminary observations of a *Toxoplasma gondii*-specific human T cell line, viii

HURD, H. and ARME, C. *Hymenolepis diminuta*: effect of metacestodes on protein metabolism of the intermediate host *Tenebrio molitor* (Coleoptera), xlvii

HURD, HILARY and ARME, C. *Tenebrio molitor* (Coleoptera): effect of metacestodes of *Hymenolepis diminuta* (Cestoda) on haemolymph amino acids, 245

HURD, HILARY and ARME, C. Pathophysiology of *Hymenolepis diminuta* infections in *Tenebrio molitor*: effect of parasitism on haemolymph proteins, 253

INGRAM, G. A., EAST, JANET and MOLYNEUX, D. H. Naturally occurring agglutinins against trypanosomatid flagellates in the haemolymph of insects, 435

IRIE, Y. *See* MAEDA, S.

JACKSON, F., COOP, R. L. and WRIGHT, S. E. The susceptibility of the ewe during late pregnancy to infection with *Ostertagia circumcincta* and *Trichostrongylus vitrinus*, lxii

JACKSON, HELEN C. Egg production by a blood-feeding monogenean during experimentally-induced host anaemia, xvii

JACKSON, M. H. and HAY, J. Variation in prevalence of *Toxoplasma* infections in a population of rodents during consecutive years, xliv

JENKINS, D. C., IBARRA, O. F. and RAPSON, E. B. Response of *Nematospiroides dubius* to anthelmintics *in vitro* and *in vivo*, lxx

JENKINS, T. *See* PRESTON, C. M.

JONES, A. Some catenotaeniids from African rodents, xxi

JONES, J. T. and KUSEL, J. R. The inheritance of responses to *Schistosoma mansoni* in inbred mice, lxvi

JOSHUA, G. W. P. and BENNETT, C. E. Monoclonal antibodies against surface antigens of *Fasciola hepatica*, iv

JOYSEY, H. S. Interactions between metacestodes of *Mesocestoides corti* and *Taenia crassiceps*, xviii

KALIL, L. F. Scanning electron microscope study of *Stephanofilaria* sp. from cattle, xxi

KATAAHA, P. K., FACER, CHRISTINE A. and HOLBOROW, E. J. Lymphocyte transformation *in vitro* induced by products derived from *Plasmodium falciparum*, xiii

KENNEDY, C. R. The use of frequency distributions in an attempt to detect host mortality induced by infections of diplostomatid metacercariae, 209
KILTY, C. G. and JOYCE, P. A comparison of the antigens of *Fasciola hepatica* taken from different hosts, xxx
KINO, HIDETO. Parasite density and the fecundity of *Angiostrongylus cantonensis* in rats, 275
KNOWLES, G. *See* PANTON, LINDSEY J.
KOHLER, P. *See* Ramp, Th.
KONRAD, J., PHIPPS, L. P., CANNING, E. U. and DONNELLY, J. Long term *in vitro* maintenance of *Babesia divergens* in a stationary phase culture, lxxvi
KUBELKA, CLAIRE F., RUPPEL, A., GEMSA, D. and KRAMMER, P. H. *In vitro* and *in vivo* role of factors from T-lymphocyte clones in induction of schistosomulicidal macrophage activity, xxxv
KUSEL, J. R., GAZZINELLI, G. and COLLEY, D. G. The production and properties of surface membrane vesicles from *Schistosoma mansoni*, ix
KUSEL, J. R., GAZZINELLI, G., COLLEY, D. G., DE SOUZA, C. P. S. and CORDEIRO, M. N. The formation of surface membrane vesicles from schistosomula of *Schistosoma mansoni*, 483

LANGLEY, R. J. and GRAY, J. S. Non-specific resistance of gerbils (*Meriones unguiculatus*) to the cattle piroplasm *Babesia divergens*, lxv
LATTER, V. S., DALTON, L. and HICKMOTT, E. A. Chemotherapeutic studies on the hydroxynaphthoquinone, BW 58C, 2-4′-*t*-butylcyclohexyl-3-hydroxy-1,4-naphthoquinone, xxxix
LE RAY, D. *See* TAIT, A.
LEE, D. L., WRIGHT, K. A. and SHIVERS, R. R. A freeze-fracture study of the 'nurse cell' of the host and the body wall of the nematode in *Trichinella spiralis* and *T. spiralis* var. *pseudospiralis* infections, xxii
LEE, D. L., WRIGHT, K. A. and SHIVERS, R. R. A freeze-fracture study of the body wall of *Trichinella spiralis*, xlii
LEITCH, B. and PROBERT, A. J. *Schistosoma haematobium*: effect of amoscanate on worm ultrastructure. lii
LEITCH, B., PROBERT, A. J. and RUNHAM, N. W. The ultrastructure of the tegument of adult *Schistosoma haematobium*, 71
LEWIS-JONES, R. and KIFF, R. J. Surface ultrastructure of selected animal parasite ova: *Ascaris suum*, *Fasciola hepatica* and *Monieza* spp., xx
LOSSON, B., LLOYD, S. and SOULSBY, E. J. L. Modulation of lymphocyte responsiveness by *Nematospiroides dubius*, liv
LUCKINS, A. G., FRAME, I. A. and ROSS, C. A. Antigenic characteristics of *in vitro*-derived infective forms of *Trypanosoma congolense*, vi
LUTY, A. *See* MOLONEY, N. A.

MACARTNEY, G. A., FAIRWEATHER, I. and THREADGOLD, L. T. *Hymenolepis diminuta*: the early development of the neck region, lxix
MACKENZIE, C. D. *See* SAYERS, G.
MACLEAN, J. M. *See* WEDRYCHOWICZ, H.
MADHAVI, R. and REKHARANI, Z. The influence of salinity on the survival of some cercariae, xi
MAEDA, S. IRIE, Y. and YASURAOKA, K. Comparison of protein composition between schistosomula of *Schistosoma japonicum* and *S. mansoni*, 453
MARKUS, M. B., DALY, T. J. M. and MUNDY, P. J. Host specificity of *Sarcocystis* species of wild African ungulates, xliii
MARSHALL, E. and HOWELLS, R. E. Surface turnover in the cuticle of *Brugia pahangi*, xlii
MARTIN, J., LUNN, P. G. and WAINWRIGHT, S. M. Effect of parasitic infection in Bengali children, xliv
MATTHEWS, R. A. and MATTHEWS, B. F. *Ichthyophthirius multifiliis* Fouquet in juvenile carp: the infection process, xxxiii
MCCAIGUE, M. D. and HALTON, D. W. Possible immune effects of C57 mice on scolex tegument ultrastructure in *Hymenolepis diminuta*, lii
MCCALLUM, H. I. and ANDERSON, R. M. Systematic temporal changes in host susceptibility to infection, demographic mechanisms, 195
MCCULLOUGH, J. S. and FAIRWEATHER, I. Growth and development of free proglottides of *Trilocularia acanthiaevulgaris* (Cestoda: Tetraphyllidea), lxvii
MCHARDY, N. and HUDSON, A. T. Therapy of *Theileria* infections of cattle with the hydroxynaphthoquinones parvaquone (BW 993C) and BW 720C, xxxix

McLaren, Diane J. *See* Sobhon, P.
McMenamin, P. G., Dutton, G. N., Hay, J. and Cameron, S. Congenital murine toxoplasmic retinochoroiditis – an ultrastructural study, lviii
Mendis, A. H. W., Comley, J. C. W. and Townson, S. Evidence to the occurrence of respiratory electron transport in *Dipetalonema viteae* and *Brugia pahangi* macrofilariae, lxxviii
Mettrick, D. F. *See* Thompson, C. S.
Millott, Stephanie M. *See* Cox, F. E. G.
Mohamed, Hassan A. and Molyneux, D. H. *Elleipsisoma thomsoni* Franca, 1912: an Apicomplexan parasite in the red blood cells of the mole (*Talpa europaea*), 407
Moloney, N. A. and Webbe, G. Factors affecting the acquisition of resistance to *Schistosoma japonicum* in the mouse. II. Evidence that resistance to reinfection is not mediated by specific effector mechanisms, 361
Moloney, N. A. and Webbe, G. Factors affecting the acquisition of resistance to *Schistoma japonicum* in the mouse. II. Evidence that resistance to reinfection is not mediated by specific effector mechanisms, 361
Molyneux, D. H. *See* Mohamed, Hassan A.
Molyneus, D. H. *See* Ingram, G. A.
Mons, V., Janse, C. J., Boorsma, E. G. and van der Kaay, H. J. Synchronous development of *Plasmodium berghei in vitro* and *in vivo*, lxxv
Moqbel, R., Macdonald, A. J., Walsh, G. M. and Kay, A. B. Enhancement of granulocyte-mediated killing of schistosomula of *Schistosoma mansoni* by basophil products, xiv
Mottram, J. C. and Coombs, G. H. Glycosomal phosphoenolpyruvate carboxykinase and malate dehydrogenase in *Leishmania mexicana*, ii
Mzembe, S. A. T., Lloyd, S. and Soulsby, E. J. L. Enhanced resistance to *Babesia microti* in *Nematospiroides dubius*-infected mice, lx
MacGregor, A. N. Identification of probes for proteins exposed at the surface of adult *Schistosoma mansoni*, x
McCaffery, D. M. The use of a labelled lipophilic nitrene as a probe for integral surface membrane proteins of *Schistosoma mansoni*, ix

Neal, R. A., Beveridge, E., Young, P. A., Croft, S. L. and Richens, J. E. Statistical analysis of drug activity on cutaneous leishmaniasis, xxiv
Nicholls, C. D., Lee, D. L. and Sharpe, M. J. Changes in the enzyme activities of biopsy specimens of sheep abomasum infected with *Haemonchus contortus*, xxii
Nicholls, C. D., Lee, D. L., Bloom, S. R. and Care, A. D. Hypergastrinaemia in sheep infected with *Haemonchus contortus*, xlvi
Nokes, D. J. *See*, Scott, Marilyn E.
North, M. J., Lockwood, B. C. and Coombs, G. H. Proteinases of trichomonads, i

Ogilvie, Bridget M. *See* Philipp, M.
Okaka, C. E. Studies on the biology of *Cyathocephalus truncatus*, a tapeworm parasite of trout, 1
Ovington, K. S. Physiological crisis in nippostrongylosis, xlvi

Palliser, A. C. and Wakelin, D. T and B cells in immunity to *Trichinella spiralis* in the rat, liv
Palmas, C., Wakelin, D. and Gabriele, F. Transfer of immunity against *Hymenolepis nana* in mice with lymphoid cells or serum from infected donors, 287
Panton, Lindsey J., Knowles, G. and Walliker, D. Studies of antigens in *Plasmodium yoelii*. *I*. Antigenic differences between parasite lines detected by crossed immunoelectrophoresis, 17
Panton, Lindsey J., Knowles, G. and Walliker, D. Studies of antigens in *Plasmodium yoelii*. II. Inheritance and recombination of antigenic characters, 27
Parkhouse, R. M. E. *See* Philipp, M.
Parkins, J. J. *See* Abbott, E. M.
Philipp, M., Gomez-Priego, A., Parkhouse, R. M. E., Davies, M. W., Clark, N. W. T., Ogilvie, Bridget M. and Beltran-Hernandez, F. Identification of an antigen of *Onchocerca volvulus* of possible diagnostic use, 295
Phillips, R. S., Reid, G. M., McLean, S. A. and Pearson, C. D. *Babesia divergens*: some observations using the rat-adapted parasite, xxix
Pittilo, R. M. and Ball, S. J. Electron microscopy of *Eimeria acervulina* macrogametogony and oocyst wall formation, 1

Pool, D. W. The taxonomic status of the *Bothriocephalus* species parasitizing cyprinid fishes, lxxiii
Poynton, S. L. Changes in prevalence and intensity of parasitic infections with age and season in brown trout, *Salmo trutta* L., and rainbow trout, *Salmo gairdneri* Richardson, l
Poynton, S. L. Distribution of parasites in wild and cultured brown trout, *Salmo trutta* L., and cultured and feral rainbow trout, *Salmo gairdneri* Richardson, from the river Itchen, Hampshire, xxxiii
Preston, C. M., McLaren, D. J. and Jenkins, T. *Trichuris muris*: surface properties of developing stages, xli
Preston, C. M. and Jenkins, T. *Trichuris muris*: structure and formation of the egg-shell, 263
Pritchard, D. I., Maizels, R. M. and Behnke, J. M. Stage-specific antigens of *Nematospiroides dubius*, xli
Probert, A. J. *See* Leitch, B.
Pudney, Mary, Cultivation of *Babesia divergens* in bovine and human erythrocytes *in vitro*, lxxv
Putter, L. *See* Rau, M. E.

Ramasamy, P. and Hanna, R. E. B. The surface topography of monogeneans *Heterapta chorinemi*, *Bicotyle vellavoli*, *Pricea multae*, *Pseudothoracocotyla indica* and *Lithidiocotyle secunda*, xix
Ramasamy, P., Hanna, R. E. B. and Threadgold, L. T. Scanning and transmission electron microscopic observations on the ultrastructure of the tegument of a monogenean *Vallisia indica* Unnithan, 1962, li
Ramp, Th. and Kohler, P. Glucose and pyruvate catabolism in *Litomosoides carinii*, 229
Rapson, E. B. and Jenkins, D. C. Acetylcholinesterase – a biochemical parameter for the interpretation of *in vitro* anthelmintic screens, lxxi
Rasheed, A-R, A-M. *Diplozoon homoion* Bychowksy and Nagibina, 1959 and *D. paradoxum* Nordmann, 1832 on the gills of cyprinid fishes in the British Isles, lxxiii
Rau, M. E. and Putter, L. Running responses of *Trichinella spiralis*-infected CD-1 mice, 579
Rawlinson, E. M. and Nowell, F. Pathological changes associated with *Eimeria vermiformis* and *Eimeria falciformis* infections in the mouse (*Mus musculus*), lvii
Richards, K. Sylvia, Bridges, Janine F., Rogan, M. T. and Arme, C. *Echinococcus granulosus equinus*: anomalies in the development of protoscoleces in monophasic culture, lxviii
Richards, K. Sylvia, Arme, C. and Bridges, Janine F. *Echinococcus granulosus equinus*, variation in the germinal layer of murine hydatids and evidence of autophagy, 35
Richards, K. Sylvia, and Arme, C. An ultrastructural analysis of cyst wall development in the metacestode of *Hymenolepis diminuta* (Cestoda), 537
Riley, J. and Winch, J. M. The role of leaf-cutter ants in the transmission of a pentastomid parasite of worm-lizards, v
Roberts, S. M. Antibody responses to *Schistosoma mansoni* surface membranes in infected and membrane-vaccinated mice and rats, xlviii
Robinson, A. *See* Threadgold, L. T.
Robinson, M. and Behnke, J. M. *Nematospiroides dubius* in the mouse: genetic control of immunity to larval and adult worms, lxvi
Robinson, R. D., Bridges, J. F., Hoole, D. and Arme, C. Studies on the inhibition of activation/stimulation of murine peritoneal macrophages by metacestodes of *Echinococcus granulosus equinus*, lx
Rogan, M. T. and Richards, K. Sylvia, *Echinococcus granulosus equinus*: lectin-binding studies on the protoscolex and the laminated layer of the hydatid, xix
Rogan, M. T. and Threadgold, L. T. *Fasciola hepatica*: tegumental alterations as a consequence of lectin binding, liii
Ross, C. A., Gray, M. A., Taylor, A. M. and Luckins, A. G. *Trypanosoma congolense*: continuous culture of infective mammalian forms *in vitro* after isolation from the blood of infected mice, xxvi
Rossi, B. C., Dean, R. T. and Terry, R. J. Generation of procoagulant activity by macrophages in trypanosomiasis, xxix
Rouwenhorse, R. J., Janse, C. J., van der Klooster, P. F. J., Mons, B. and van der Kaay, H. J. *Plasmodium berghei* ookinetes *in vitro*: standarization of culture techniques, morphology and infectivity, xxvii
Runham, N. W. *See* Leitch, B.
Ruppel, A., McLaren, Diane J., Rother, Ursula and Diesfeld, H. J. The binding of human complement components to the surfaces of developing *Schistosoma mansoni* does not mediate lytic activity and cellular cytotoxicity *in vitro*, xvi

SAUNDERS, N. and WILSON, R. A. Surface labelling of adult *Schistosoma mansoni* using diazotized [1251] iodosulphanilic acid, and turnover of labelled components, ix

SAYERS, G., MACKENZIE, C. D. and DENHAM, D. A. Biochemical surface components of *Brugia pahangi* microfilariae, 425

SCHIRMER, R. H., LEDERBOGEN, F., EISENBRAND, G., KONIGK, E. and JUNG, A. Inhibitors of glutathione reductase as potential antimalarial drugs, i

SCHRYER, M. D., NEWBOLD, C. I., JARRA, W. and BROWN, K. N. Stain-specific immunity to malaria: vaccination studies with purified parasite antigens, xii

SCOTT, D. A., COOMBS, G. H. and SANDERSON, B. E. Folate metabolism in *Leishmania mexicana*, ii

SCOTT, MARILYN E. and ANDERSON, R. M. The population dynamics of *Gyrodactylus bullatarudis* (Monogenea) within laboratory populations of the fish host *Poecilia reticulata*, 159

SCOTT, MARILYN E. and NOKES, D. J. Temperature-dependent reproduction and survival of *Gyrodactylus bullatarudis* (Monogenea) on guppies (*Poecilia reticulata*), 221

SIMM, A. M. Protein synthesis in *Plasmodium falciparum* gametocytes, vii

SINDEN, R. E. and HARTLEY, R. Ultrastructural observations on the development of the ookinete of *Plasmodium berghei in vitro*, xxvii

SINDEN, R. E., HARTLEY, R. and KING, N. J. Studies on the biological and ultrastructural effects of anticytoskeletal agents on gametogenesis in *Plasmodium yoelii*, xxviii

SLOAN, T., SAVAGE, A. and JOYCE, P. Monoclonal antibodies to surface and gut antigens of *Fasciola hepatica*, *xxxv*

SMEAL, M. G. and DONALD, A. D. Inhibited development of *Ostertagia ostertagi* in Australia related to survival over summer in the host or on pasture, 597

SMITH, G., GRENFELL, B. T. and KERBOEUF, D. The population dynamics of *Heligmosomoides polygyrus* (*Nematospiroides dubius*) in mice: the consequences of parasite-induced host mortality and the effect of the host response on parasite survival and fecundity, lvi

SMITH, H. V., MAIZELS, R. M., KENNEDY, M. W., MEGHJI, M. and INGLES, G. Monoclonal antibodies to *Toxocara canis* excretory/secretory antigens have human A blood group reactivity, xxxvii

SMITH, J. E., MINSKI, M. J. and RAO, L. S. The uptake of free and liposome entrapped pentostam by isolated perfused rat liver, as measured by activation analysis, lxxvii

SMITH, JUDITH, E. AND ALEXANDER, J. The interaction of rodent malaria sporozoites with peritoneal macrophages *in vitro*, lxiv

SMITH, S. W. G. The swimming behaviour of schistosome miracidia, xxxii

SOBHON, P., UPATHAM, E. S. and MCLAREN, DIANE J. Topography and ultrastructure of the tegument of adult *Schistosoma mekongi*, 511

STAB, F. and WENK, P. IgM, a functional immunoglobulin by the rodent filaria *Litomosoides carinii*, lxvii

STABLES, J. N. Environmental constraints on the infectivity of *Diplostomun spathaceum* to rainbow trout (*Salmo gairdneri*), xi

STOKES, R. W. The effect of long-term *in vitro* culture on the infectivity of *Leishmania major*, xxvi

STOKES, R. W. Triggering of the respiratory burst in macrophages ingesting *Leishmania mexicana mexicana*. The involvement of receptors for carbohydrates, lxiv

STOREY, N., BEHNKE, J. M. and WAKELIN, D. Analysis of the immune response to *Dipetalonema viteae* infections in high and low responder mice, lxvi

SURIN, J. B. and DENHAM, D. A. Comparison of screening models in detecting filaricidal activity, lxxi

SUTHERLAND, I. A., FOX, P. C., LEE, D. L. and LEWIS, D. A stain for fumarate reductase in polyacrylamide gels, xxxvii

TAIT, A., BABIKER, ELDIRDIRI A. and LE RAY, D. Enzyme variation in *Trypanosoma brucei* spp. I. Evidence for the sub-speciation of *Trypanosoma brucei gambiense*, 311

TAYLOR, D. W., CORDINGLEY, J. S., BUTTERWORTH, A. E., MCMAHON, J. E., GODDARD, J., DISSOUS, C., CAPRON, M. and CAPRON, A. *Onchocerca volvulus*: immunoprecipitation of surface antigens and *in vitro* translation products, iii

TAYLOR, D. W. and WELLS, PAMELA Z. Isolation and antigen analysis of surface tegument membranes from schistosomula of *Schistosoma mansoni*, 495

TAYLOR, J. L. Survival and reproduction of a mermithid nematode in a fast flowing stream, xxxiv

TAYLOR, M. G. *See* FORD, M. J.

THOMPSON, C. S. and METTRICK, D. F. Neuromuscular physiology of *Hymenolepis diminuta* and *H. microstoma* (Cestoda), 567

THORNHILL, J. A., KUSEL, J. R. and JONES, J. T. Does exposure to the parasite *Schistosoma mansoni* stimulate egg laying in the freshwater snail host *Biomphalaria glabrata* in the early prepatent period?, xxxviii

THREADGOLD, L. T. and ROBINSON, A. Amplification of the cestode surface: a stereological analysis, 523

TINGLEY, G. A. Physical conditions and their effects upon infection by some insect parasitic nematodes, lxxix

TINSLEY, R. C. Pulsed parasite transmission between desert-adapted amphibians, vi

TITCHENER, R. N. New treatment for sheep head fly, *Hydrotaea irritans*, lxxiii

TOWNSON, S., HOLMES, L., COURT, J. and HAM, P. The *in vitro* culture and drug responses of *Onchocerca lienalis* infective larvae in the presence and absence of mammalian cells, lxx

UPATHAM, E. S. *See* SOBHON, P.

VAN KNAPEN, F., PANGGABEAN, S. O. and LIMPER, L. Some characteristics of penetration enhancing factor (PEF) of *Toxoplasma gondii*, xiii

WAKELIN, D. *See* PALMAS, C.

WAKELIN, D., STOREY, N. and BEHNIKE, J. M. Genetic control of immunity to *Dipetalonema viteae* infections in mice, lxv

WALKER, A. R., FLETCHER, J. D. and GILL, H. S. The production and fate of salivary components of the tick *Rhipicephalus appendiculatus*, lxxiv

WALLIKER, D. *See* PANTON, LINDSEY J.

WANSTALL, S. T., ROBOTHAM, P. W. J. and THOMAS, J. S. Pathological changes in the gut of the stoneloach (*Noemacheilus barbatulus*) induced by the acathocephalan, *Pomphorynchus laevis*, xxiv

WANSTALL, S. T., ROBOTHAM, P. W. J. and THOMAS, J. S. Inflammation tissue induced by *Pomphorhynchus laevis* (Acanthocephala) in the stoneloach (*Noemacheilus barbatulus*), lvii

WARD, P. F. V. and COADWELL, W. J. Endogenous carbohydrate utilization by *Haemonchus contortus* and *Nippostrongylus brasiliensis in vitro*, xxiii

WARD, P. F. V. *See* CROMPTON, D. W. T.

WATKINS, B. M. and NOWELL, F. Observation on the incidence and some life-cycle stages of Hepatozoon in *Sciurus carolinensis* from the Reading area, xxxiv

WEATHERLEY, A. J., HAMILTON, J. M. and NAYLOR, J. Renal damage in feline *Toxocara cati* infection, xxiv

WEATHERLEY, A. J. and HAMILTON, J. M. The role of the mast cell in the development of pulmonary lesions associated with feline *Aelurostrongylus abstrusus* infection, xlv

WEBBE, G. *See* MOLONEY, N. A.

WEDRYCHOWICZ, H., MACLEAN, J. M. and HOLMES, P. H. Secretory IgA responses in rats to antigens of various developmental stages of *Nippostrongylus brasiliensis*, 145

WELLS, PAMELA Z. *See* TAYLOR, D. W.

WHARTON, D. A., BARRETT, J. and PERRY, R. N. Changes during rehydration of the anabiotic juvenile of *Ditylenchus dipsaci*, lxii

WILSON, R. A. and COULSON, P. S. Dynamics of schistosome migration in normal and vaccinated mice, xv

WILSON, R. A. *See* CRABTREE, JEAN E.

WOZENCRAFT, A. O. and TARGETT, G. A. T. The killing of *Plasmodium falciparum* by oxygen radicals, lxiii

WRIGHT, J. P. An ultrastructural study of the immuno-inactivation of *Toxoplasma gondi* using a monoclonal antibody, xiv

WRIGHT, J. P. and LEE, D. L. Scanning electron microscope and freeze-fracture studies on *Toxoplasma gondii*, xxxvii

YASURAOKA, K. *See* MAEDA, S.

Index of Subjects

Adoptive transfer, of immunity against *Hymenolepis nana* in mice, 287
Age-prevalence curves, for *Schistosoma mansoni* infections in *Biomphalaria glabrata*, 79
Agglutinins, in insect haemolymph against trypanosomatid flagellates, 435
Alloxan monohydrate, effect of on the killing of *Plasmodium vinckei* in mice, 417
Angiostrongylus cantonensis, fecundity of in rats, 275
Antigen, circulating in serum of *Taenia pisiformis*-infected rabbits, 121
Antigens, differences in between lines of *Plasmodium yoelii*, 17
  isolated from the surface tegument membranes of *Schistosoma mansoni*, 495
  with possible diagnostic use in onchocerciasis, 295
Antigenic characters, inheritance and recombination of in *Plasmodium yoelii*, 27
Antigenic variation, in *Trypanosoma vivax*, 49
Autophagy, evidence of in *Echinococcus granulosus equinus*, 35

Behaviour, effect of *Trichinella spiralis* infection on in CD-1 mice, 579
Biochemistry of schistosomes, recent advances in, 603
Brugia pahangi, biochemical surface components of the microfilariae of, 425

Caribbean schistosomiasis, distribution and possible control of, 377
Catabolism, of glucose and pyruvate in *Litomosoides carinii*, 229
Cestode surface, a stereological analysis of the amplification of, 523
Chronic haemonchosis, pathophysiology of in Merino and Scottish Blackface lambs, 585
Circulating antigen, in *Taenia pisiformis*-infected rabbits, 121
Corynebacterium parvum, effect of on the killing of *Plasmodium vinckei* in mice, 417
Cutaneous reactions to *Schistosoma mansoni* in chronically infected hamsters, 59
Cyst wall, development of in the metacestode of *Hymenolepis diminuta*, 537

Demographic changes, induction of by interaction of host and parasite populations, 195
Density-dependent characteristics, of larval output in *Angiostrongylus cantonensis*, 275
Development, inhibition of in *Ostertagia ostertagi*, 597
  of resistance to monensin by *Eimeria tenella*, 9
  of the cyst wall in the metacestode of *Hymenolepis diminuta*, 537
Diagnosis, of onchocerciasis by antigens isolated from *Onchocerca volvulus*, 295

Echinococcus granulosus equinus, germinal layer variation and autophagy in, 35
Egg burden, correlation of with acquired resistance to *Schistosoma japonicum* in mice, 345
Egg-shell, structure and formation of in *Trichuris muris*, 263
Eimeria acervulina, macrogametogony and oocyst wall formation in, 1
Eimeria tenella, experimental development of resistance to monensin in, 9
Elleipsisoma thomsoni, rediscovery of in the mole, 407
Enzyme variation, in *Trypanosoma brucei* ssp., 311

Fecundity, of *Angiostrongylus cantonensis* in rats, 275
Frequency distributions, use of in detection of parasite-induced host mortality, 209

Germinal layer, variation of in *Echinococcus granulosus equinus*, 35
Glucose catabolism, in *Litomosoides carinii*, 229
Gyrodactylus bullatarudis, effect of temperature on the reproduction and survival of, 221
  population dynamics of in *Poecilia reticulata*, 159

Haemolymph of insects, contains agglutinins against trypanosomatid flagellates, 435
Haemolymph amino acids, effect of *Hymenolepis diminuta* infection on in *Tenebrio molitor*, 245
Haemolymph proteins, effect of *Hymenolepis diminuta* infection on in *Tenebrio molitor*, 253
Haemonchosis, chronic, pathophysiology of in Merino and Scottish Blackface lambs, 585
Host mortality, parasite-induced detection of, 209
Host susceptibility, temporal changes in: demographic mechanisms, 195

Hymenolepis diminuta, neuromuscular physiology of, 567
pathophysiology of in *Tenebrio molitor*, 245, 253
ultrastructural analysis of cyst wall development in, 537
Hymenolepis microstoma, neuromuscular physiology of, 567
Hymenolepis nana, adoptive transfer of immunity against, 287

Immune complexes, in serum of *Taenia pisiformis*-infected rabbits, 121
Immune-dependent elimination, of *Schistosoma mansomi* from rats, 461
Immunity, adoptive transfer of with lymphoid cells and serum from *Hymenolepis nana*-infected donor mice, 287
no evidence for the involvement of in the acquisition of resistance to *Schistosoma japonicum* in mice, 361
Immunization, of rats against *Schistosoma mansoni*, 327
Immunoelectrophoresis, use of to detect antigenic variation between lines of *Plasmodium yoelii*, 17
Immunoglobulin A, in faeces and intestines of *Nippostrongylus brasiliensis*-infected rats, 145
Inheritance, of *Plasmodium yoelii* antigen, 27
Intrahaemocoelic inoculation, induces agglutinins against trypanosomatid flagellates, 435

Life-cycle of *Elleipsisoma thomsoni* in the mole, 407
Litomosoides carinii, glucose and pyruvate catabolism in, 229
Lymphoid cells, use of to adoptively transfer immunity against *Hymenolepis nana* in mice, 287

Macrogametogony, in *Eimeria acervulina*, 1
Mathematical model, to examine temporal changes in host susceptibility to infection, 195
Metabolism, of L-serine by *Moniliformis dubius in vitro*, 133
Metabolism of schistosomes, recent advances in, 603
Microfilariae, a biochemical and morphological study of the surface components of, 425
Microtriches, investigation of species and regional variations in the size and density of in adult cestodes, 523
Monensin, experimental development of resistance to in *Eimeria tenella*, 9
Moniliformis dubius, selective metabolism of L-serine by *in vitro*, 133
Morphology, of growth and moulting in *Rotylenchulus reniformis*, 107
of the surface of *Brugia pahangi* microfilariae, 425
Moulting, in *Rotylenchulus reniformis*, 107

Neuromuscular physiology, of *Hymenolepis diminuta* and *H. microstoma*, 567
Nippostrongylus brasiliensis, secretory IgA response to in infected rats, 145

Onchocerciasis, immunodiagnosis of, 295
Oocyst wall, formation of in *Eimeria acervulina*, 1
Ostertagia ostertagi, inhibited development of, 597
Over-dispersion patterns, effect of parasite-induced host mortality, 209

Parasite-induced host mortality, detection of, 209
Parasite load, importance of in the killing of *Plasmodium vinckei* in mice, 417
Parthenogenesis, in *Schistosoma mansoni*, 369
Pathophysiology, of chronic ovine haemonchosis, 585
of *Hymenolepis diminuta* in *Tenebrio molitor*, 245, 253
Physiology, of cestode longitudinal musculature, 567
Plasmodium vinckei, the effect of parasite load on the killing of, 417
Plasmodium yoelii, antigenic variation between different lines of, 17
Plasmodium yoelii antigen, inheritance and recombination of, 27
Population dynamics, of *Gyrodactylus bullatarudis*, 159
Prevalence, factors affecting in *Schistosoma mansoni*-infected *Biomphalaria glabrata*, 79
Protein composition, comparison of between *Schistosoma japonicum* and *S. mansoni*, 453
Purification, of surface membrane vesicles from *Schistosoma mansoni* schistosomula, 483
Pyruvate catabolism, in *Litomosoides carinii*, 229

Recombination, of *Plasmodium yoelii* antigen, 27

Rediscovery, of *Elleipsisoma thomsoni* in the mole, 407
Reproduction, effect of temperature on in *Gyrodactylus bullatarudis*, 221
Resistance, experimental development of to monensin in *Eimeria tenella*, 9
  factors affecting the acquisition of to *Schistosoma japonicum* in mice, 345, 361
  to *Schistosoma mansoni* in rats, passive transfer of, 461
Rotylenchulus reniformis, growth and moulting in, 107
Running responses, of *Trichinella spiralis*-infected CD-1 mice, 579

Schistosoma haematobium, ultrastructure of the tegument of, 71
Schistosoma japonicum, comparison of protein composition of with *S. mansoni*, 453
  factors affecting the acquisition of resistance to in mice, 345, 361
Schistosoma mansoni, age-prevalence curves of in infected *Biomphalaria glabrata*, 79
  antigens of the surface tegument membranes of, 495
  comparison of protein composition of with *S. japonicum*, 453
  cutaneous reactions to in hamsters, 59
  immune-dependent elimination of from rats, 461
  immunization of rats against, 327
  intergeneric reproductive stimulation in, 369
  parthenogenesis in, 369
  purification of surface membrane vesicles from the schistosomula of, 483
Schistosoma mekongi, topography and ultrastructure of the tegument of, 511
Schistosome biochemsitry, recent advances in, 603
Schistosomiasis, factors associated with in the Caribbean, 377
Schistosomula, comparison of protein composition in, 453
  isolation and antigen analysis of the surface tegument membranes of, 495
  purification of surface membrane vesicles from, 483
Secretory IgA, in rats infected with *Nippostrongylus brasiliensis*, 145
Serine, selective metabolism of by *Moniliformis dubius in vitro*, 133
Serodeme, isolation of in *Trypanosoma vivax*, 49
Stereological analysis of adult cestode surface, 523
Structure, of the egg-shell of *Trichuris muris*, 263
Sub-speciation, evidence of from enzyme variation in *Trypanosoma brucei*, 311
Surface membrane vesicles, purification of from *Schistosoma mansoni* schistosomula, 483
Survival, effect of temperature on in *Gyrodactylus bullatarudis*, 221
  influence of on the inhibited development of *Ostertagia ostertagi*, 597
Susceptibility, a mathematical model to examine temporal changes in, 195

Taenia pisiformis, circulating antigen, antibodies and immune complexes to, in infected rabbits, 121
Tegument, ultrastructure and topography of in adult *Schistosoma mekongi*, 511
  ultrastructure of in *Schistosoma haematobium*, 71
Tegument membranes, isolation and antigenic analysis of from *Schistosoma mansoni* schistosomula, 495
Temperature, effect of on reproduction and survival of *Gyrodactylus bullatarudis*, 221
Tenebrio molitor, effect of the metacestodes of *Hymenolepis diminuta* on the haemolymph amino acids of, 245
  effect of the metacestodes of *Hymenolepis diminuta* on the haemolymph proteins of, 253
Topography, of the tegument of adult *Schistosoma mekongi*, 511
Transmission dynamics, of *Gyrodactylus bullatarudis* in laboratory guppies, 159
Trichinella spiralis, running responses of CD-1 mice infected with, 579
Trichuris muris, structure and formation of the egg-shell of, 263
Trypanosoma brucei gambiense, a sub-species of *T. brucei*, 311
Trypanosoma brucei ssp., enzyme variation in, 311
Trypanosoma vivax, antigenic variation in, 49
  isolation of a serodeme of, 49

Ultrastructural analysis, of cyst wall development in *Hymenolepis diminuta*, 537
Ultrastructural studies, of the surface components of *Brugia pahangi* microfilariae, 425
  on macrogametogony and oocyst wall formation in *Eimeria acervulina*, 1

Ultrastructural study, of *Elleipsisoma thomsoni*, 407
of the cutaneous reactions to *Schistosoma mansoni* in hamsters, 59
of the germinal layer in *Echinococcus granulosus equinus*, 35
of moulting in the hatched larva of *Rotylenchulus reniformis*, 107
Ultrastructure, of the egg-shell of *Trichuris muris*, 263
Ultrastructure, of the tegument of adult *Schistosoma haematobium*, 71
of the tegument of adult *Schistosoma mekongi*, 511